



Certificate of Analysis

To: WhiteWater, Inc.
253 B Worcester Rd
Charlton, MA 01507

Date Reported: November 17, 2016

Date Received: November 3, 2016

PWS: Charlton Middle School 2054028

Case No. C1103-W05

Submitted samples from:

DEP Sample Type	DEP Location Code	DEP Sample Location
RS	001	Kitchen Tap
PT	01G	Well #1 – After Tank & Sediment Filters
RW	01G	Well #1 – Raw Water Source Sample
PT	TANK	100,000 Gal Atmospheric Storage Tank

SUBJECT: Total Coliform Bacteria

METHOD: *Standard Methods for the Examination of Water and Wastewater*, 20th Edition, 1998, APHA, AWWA-WPCF.
Total Coliform: SM 9223B

Submitted samples from:

DEP Sample Type	DEP Location Code	DEP Sample Location
FS	01G	Well #1 – Pump House

SUBJECT: Volatile Organic Compounds

METHOD: *Methods for the Determination of Organic Compounds in Finished Drinking Water and Raw Source Water*, USEPA/EMSL.
Volatile Organic Compounds: Method 524.2

New England Testing Laboratory is certified in the Commonwealth of Massachusetts (Lab ID M-RI010) for all tests performed on the premises.

This report shall not be reproduced, except in full, without written approval of the laboratory.

New England Testing certifies that the test results contained within this report meet all method and certification requirements except as detailed in the Case Narrative section of this report.

NEW ENGLAND TESTING LABORATORY, INC.

59 Greenhill St., West Warwick, RI 02893

(401) 353-3420



I. PWS INFORMATION: Refer to your DEP Coliform Sampling Plan to help complete the PWS Information and DEP Approved Sample Site Information sections below.

II. ANALYTICAL INFORMATION: Refer to your MassDEP state lab certificate for proper Lab MA Cert.# and certified methods.

☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction (2) Collection Date of Original Sample:

[illegible]

² SWTR systems: HPC samples shall be taken at the same distribution sites and at the same time as total coliform, whenever chlorine residual is not detected at the sample site.

Laboratory Authorized Signature and

11/17/2016

DEP Review Status:	<input type="checkbox"/> Accepted <input type="checkbox"/> Disapproved	Review Comments:	
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Volatile Organic Contaminant Report

I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: **2054028** City / Town: **CHARLTON**
PWS Name: **Charlton Middle School** PWS Class: COM ☐ NTNC ☒ TNC ☐

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information	Sample Acidified?	Date Collected	Collected By	
01G	Well # 1 - Pump House	<input type="checkbox"/> (M)ultiple <input checked="" type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished	Yes <input checked="" type="checkbox"/>	11/3/2016	Tim Rustan
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:				
		(1) Reason for Resubmission	(2) Collection Date of Original Sample			
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction				
SAMPLE NOTES - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection.						

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #: **M-RI010** Primary Lab Name: **New England Testing Lab** Subcontracted? (Y/N) **N**
Analysis Lab MA Cert. #: Analysis Lab Name:

Lab Method	Date Extracted (551.1 only)	Date Analyzed	Lab Sample ID#	LAB SAMPLE NOTES - Include information as to whether sample was diluted or additional contaminants detected.
524.2		11/16/2016	C1103-W05E	
Was this Sample composited by the Lab?	COMPOSITE SAMPLE NOTES - Please list the composited sources by DEP Source Code (XXXXXXX-XXX), up to five individual sources.			
Yes: <input type="checkbox"/> No: <input type="checkbox"/>				

CAS#	REGULATED VOC CONTAMINANT	Results µg/L	MCL µg/L	MDL µg/L
71-43-2	BENZENE	N.D.	5	0.5
56-23-5	CARBON TETRACHLORIDE	N.D.	5	0.5
75-35-4	1,1-DICHLOROETHYLENE	N.D.	7	0.5
107-06-02	1,2-DICHLOROETHANE	N.D.	5	0.5
106-46-7	PARA-DICHLOROBENZENE	N.D.	5	0.5
79-01-6	TRICHLOROETHYLENE (TCE)	N.D.	5	0.5
71-55-6	1,1,1-TRICHLOROETHANE	N.D.	200	0.5
75-01-4	VINYL CHLORIDE	N.D.	2	0.5
108-90-7	MONOCHLOROBENZENE	N.D.	100	0.5
95-50-1	O-DICHLOROBENZENE	N.D.	600	0.5
156-60-5	TRANS-1,2-DICHLOROETHYLENE	N.D.	100	0.5
156-59-2	CIS-1,2-DICHLOROETHYLENE	N.D.	70	0.5
78-87-5	1,2-DICHLOROPROPANE	N.D.	5	0.5
100-41-4	ETHYLBENZENE	N.D.	700	0.5
100-42-5	STYRENE	N.D.	100	0.5
127-18-4	TETRACHLOROETHYLENE (PCE)	N.D.	5	0.5
108-88-3	TOLUENE	N.D.	1000	0.5
1330-20-7	XYLENES (TOTAL)	N.D.	10000	0.5
75-09-2	DICHLOROMETHANE	N.D.	5	0.5
120-82-1	1,2,4-TRICHLOROBENZENE	N.D.	70	0.5
79-00-5	1,1,2-TRICHLOROETHANE	N.D.	5	0.5

PWS ID#:

2054028

Lab Sample ID#:

C1103-W05E

CAS#	UNREGULATED VOC CONTAMINANTS	Results µg/L	MDL µg/L
67-66-3	CHLOROFORM*	N.D.	0.5
75-27-4	BROMODICHLOROMETHANE	2.0	0.5
124-48-1	CHLORODIBROMOMETHANE	3.6	0.5
75-25-2	BROMOFORM	1.6	0.5
541-73-1	M-DICHLOROBENZENE	N.D.	0.5
74-95-3	DIBROMOMETHANE	N.D.	0.5
563-58-6	1,1-DICHLOROPROPENE	N.D.	0.5
75-34-3	1,1-DICHLOROETHANE*	N.D.	0.5
79-34-5	1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
142-28-9	1,3-DICHLOROPROPANE	N.D.	0.5
74-87-3	CHLOROMETHANE	N.D.	0.5
74-83-9	BROMOMETHANE*	N.D.	0.5
96-18-4	1,2,3-TRICHLOROPROPANE	N.D.	0.5
630-20-6	1,1,1,2-TETRACHLOROETHANE	N.D.	0.5
75-00-3	CHLOROETHANE	N.D.	0.5
594-20-7	2,2-DICHLOROPROPANE	N.D.	0.5
95-49-8	O-CHLOROTOLUENE	N.D.	0.5
106-43-4	P-CHLOROTOLUENE	N.D.	0.5
108-86-1	BROMOBENZENE	N.D.	0.5
542-75-6	1,3-DICHLOROPROPENE*	N.D.	0.5
95-63-6	1,2,4-TRIMETHYLBENZENE	N.D.	0.5
87-61-6	1,2,3-TRICHLOROBENZENE	N.D.	0.5
103-65-1	N-PROPYLBENZENE	N.D.	0.5
104-51-8	N-BUTYLBENZENE	N.D.	0.5
91-20-3	NAPHTHALENE*	N.D.	0.5
87-68-3	HEXACHLOROBUTADIENE	N.D.	0.5
108-67-8	1,3,5-TRIMETHYLBENZENE	N.D.	0.5
99-87-6	P-ISOPROPYLTOLUENE	N.D.	0.5
98-82-8	ISOPROPYLBENZENE	N.D.	0.5
98-06-6	TERT-BUTYLBENZENE	N.D.	0.5
135-98-8	SEC-BUTYLBENZENE	N.D.	0.5
75-69-4	FLUOROTRICHLOROMETHANE	N.D.	0.5
75-71-8	DICHLORODIFLUOROMETHANE*	N.D.	0.5
74-97-5	BROMOCHLOROMETHANE	N.D.	0.5
1634-04-4	METHYL TERTIARY BUTYL ETHER (MTBE) [#]	N.D.	0.5

Required

* DEP ORSG limit established.

Surrogate Name	% Recovery (70 – 130%)
1,2-Dichlorobenzene-d4	105
4-Bromofluorobenzene	103

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Primary Lab Director Signature:

Date: 11/17/2016

If not submitting these results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Date) <input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved _____	Review Comments	<input type="checkbox"/> WQTS Data Entered
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